



Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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2

Complete if Known

Application Number	09/816,004
Filing Date	March 22, 2001
First Named Inventor	Masakazu Suizuoki
Art Unit	2152
Examiner Name	Not Yet Assigned
Attorney Docket Number	SCEI 3.0-054

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JM	AA	US-5,850,534	12-15-1998	Uwe Kranich	
	AB	US-5,729,712	03-17-1998	Bruce Whittaker	
	AC	US-4,782,443	11-01-1988	Matsumoto	
	AD	US-5,355,481	10-11-1994	Sluijter	
	AE	US-5,724,551	03-03-1998	Greenstein, et al.	
	AF	US-5,787,309	07-28-1998	Greenstein, et al.	
	AG	US-6,336,187-B1	01-01-2002	Kern, et al.	
	AH	US-2002/0078285-A1	06-20-2002	Hofstee, et al.	
	AI	US-6,477,170-B1	11-05-2002	Lu, et al.	
	AJ	US-5,892,966	04-06-1999	Petrick, et al.	
	AK	US-6,289,434-B1	09-11-2001	Rupan Roy	
	AL	US-2002/0078308-A1	06-20-2002	Altman, et al.	
	AM	US-5,619,671	04-08-1997	Bryant et al	
	AN	US-5,900,019	05-04-1999	Greenstein et al.	
	AO	US-6,212,605	04-03-2001	Arimilli et al.	
	AP	US-2002/0087815	07-04-2002	Arimilli et al.	

FOREIGN PATENT DOCUMENTS

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JU	BA	EP-0 461 926-A2	12-18-1991	Compaq Computer Corporation		
	BB	JP-09-311839	12-02-1997	Hitachi Ltd.		*C
	BC	JP-06-012333	01-21-1994	Hitachi Ltd.; Hitachi Computer Engineering Corp. Ltd.		*
	BD	JP-01-217689	08-31-1989	Toshiba Corp.		*
	BE	JP-54-012643	01-30-1979	Hitachi Ltd.		*
	BF	JP-57-006952	01-13-1982	Nippon Telegram & Telephone Corp.		*
	BG	JP-57-176456	10-29-1982	Fanuc Ltd.		*EC
	BH	JP-64-012364	01-17-1989	Nippon Telegram & Telephone Corp.		*
	BI	JP-04-288643	10-13-1992	NEC Corp.		*
	BJ	JP-09-198361	07-31-1997	Kofu Nippon Denki KK		*
	BK	JP-11-338833	12-10-1999	Hitachi Ltd.		*
	BL	JP-11-232247	08-27-1999	Hitachi Ltd.		*
	BM	JP-2000-222384	08-11-2000	Yamatake Corp		*
	BN	JP-10-126771	05-15-1998	Toshiba Corp.		*
	BO	JP-2000-057329	02-25-2000	IBM Corp.		*
	BP	JP-02-210542	08-21-1990	Fujitsu Limited		*
	BQ	JP-11-039215	02-12-1999	Matsushita Electric Ind. Co. Ltd.		*
	BR	JP-02-057237	02-27-1990	Hitachi Medical Corp.		*
	BS	JP-2002-032218	01-31-2002	Rikogaku Shinkokai		*

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JW	CA	MASAKAZU SUZUOKI, Playstation 2 Yur Maikuropurosesesa Emotion Engine (Microprocessor Emotion Engine for PlayStation 2), bit, Kyoritsu Shuppan Co., Ltd., 01-01-2000, pages 11-18, Vol. 32, No. 1.	
	CB	"IBM System/370 Extended Architecture Instruction Manual," 1st Ed., Apr. 1984, IBM.	✓
	CC	William J. Dally, et al., "The Message-Driven Processor: A Multicomputer Processing Node with Efficient Mechanisms," IEEE Micro, April, 1992, pp. 23-39.	
	CD	Mamoru Maekawa, et al., "Distributed Operating System -- That Coming Next to UNIX," 1st Ed., Dec. 25, 1991, Kyoritsu Shuppan Co., Ltd.	✓
	CE	Ted Painter, et al., "Perceptual Coding of Digital Audio," Proceedings of the IEEE, Vol. 88, No. 4, Apr. 2000, pp. 451-513.	
	CF	Baer, et al. "On the Inclusion Properties for Multi-Level Cache Hierarchies," Proceedings of the Annual International Symposium on Computer Architecture, Honolulu, Hawaii, May 30 - June 2, 1988, Washington, IEEE Computer Society Press, pp. 73-80.	

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Examiner Signature	J. Suzuki	Date Considered	11/08/09
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First Named Inventor	Masakazu Suzuki
Group Art Unit	2152
Examiner Name	Not Yet Assigned

Attorney Docket Number

SCEI 3.0-054

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		Number	Kind Code ² (if known)			
J	A	5,848,435		Brant et al.	12/08/1998	RECEIVED SEP 13 2001 1C 3100 MAIL ROOM
	B	4,903,234		Sakuraba et al.	02/20/1990	
	C	4,954,982		Tateishi et al.	09/04/1990	
	D	4,430,705		Cannavino et al.	02/07/1984	
	E	4,037,214		Birney et al.	07/19/1977	
	F	4,589,064		Chiba et al.	05/13/1986	
	G	3,576,544		Cordero et al.	04/27/1971	
	H	5,216,633		Weon et al.	06/01/1993	
	I	5,991,858		Weinlander	11/23/1999	
	J	4,545,016		Berger	10/01/1985	
	K	6,035,381		Mita et al.	03/07/2000	
	L	6,076,149		Usami et al.	06/13/2000	
	M	5,513,337		Gillespie et al.	04/30/1996	
	N	4,732,446		Gipson et al.	03/22/1988	
	O	4,939,682		Falk	07/03/1990	
	P	5,268,973		Jenevein	12/07/1993	
	Q	4,422,088		Gfeller	12/20/1983	
	R	5,159,700		Reid, deceased et al.	10/27/1992	
	S	5,144,691		August et al.	09/01/1992	
	T	4,332,009		Gerson	05/25/1982	

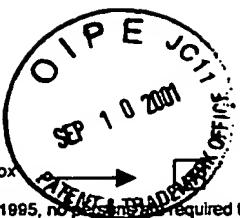
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Examiner Signature	<i>[Signature]</i>	Date Considered	07/20/04
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Substitute for form 1449A/PTO				Complete if Known	
				Application Number	09/816,004
				Filing Date	March 22, 2001
				First Named Inventor	Masakazu Suzuki
				Group Art Unit	2152
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	SCEI 3.0-054

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JM	U	"IBM Wins Playstation 3 Contract," BBC News, March 12, 2001.			

Examiner Signature	J. M. Suzuki	Date Considered	07/10/01
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				Application Number	09/816,004
				Filing Date	March 22, 2001
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				Art Unit	2152
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	SCEI 3.0-054 Technology Center 2100

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
JA	BA	JP 08-180018	07-12-1996	Toshiba Corp.	**
	BB	JP 08-249261	09-27-1996	Mitsubishi Electric Corporation	**
	BC	JP 05-151183	06-18-1993	Hitachi, Ltd.	**
	BD	JP 05-054009	03-05-1993	NEC Engineering, Ltd.	**
	BE	JP 63-019058	01-26-1988	Fujitsu Limited	**
	BF	JP 54-146555	11-15-1979	NEC Corporation	**
	BG	JP 08-212178	08-20-1996	Hitachi, Ltd.	**
	BH	GB 2326254 A	12-16-1998	Mitsubishi Electric Corporation	
	BI	JP 05-242057	09-21-1993	Sanyo Electric Co., Ltd.	**
	BJ	JP 56-123051	09-26-1981	Omron Tateishi Electronics Corporation	**
	BK	JP 61-180352	08-13-1986	Fujitsu Limited	**
	BL	EP 077404 A1	04-27-1983	Fanuc Ltd.	
	BM	JP 10-334055	12-18-1998	Sony Corporation	**
	BN	EP 0871142 A2	10-14-1998	Sony Computer Entertainment Inc.	
	BO	JP 08-161283	06-21-1996	Sony Corporation	**
	BP	JP 07-287064	10-31-1995	Mitsubishi Electric Corporation	**

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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JM	CA	MASAKAZU SUZUOKI, Development of a Microprocessor with a 128b CPU, 2 Vector Processors with 10 Floating Point Units, IPSJ Journal, 04-15-2000, pages 843-850, Vol. 41, No. 4.	X

Examiner Signature		Date Considered	07/20/04
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JM	AA	6,334,139-B1		Takashi Sakakura	
JM	AB	6,219,073-B1		Masakazu Suizuoki	

FOREIGN PATENT DOCUMENTS					
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JM	BA	JP-10-334055		Tamura Yukihiro	
JM	BB	EP 0 730 237		Noriyuki, et al.	
JM	BC	JP-02-012361		Arai Susumu	
JM	BD	JP-64-023342		Kawahara Naohisa	
JM	BE	JP-56-111962		Kenichi, et al.	
JM	BF	JP-11-3306			X*
JM	BG	JP-10-269165			
JM	BH	JP-8-235143			

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